World's Pearls from BeMississippiValley Notes and Instructions from Agricultural Colleges and Experiment Stations of Oregon and Washington, Specially Suitable to Pacific Coast Conditions



HE bodies of four pearl hunters were found swinging to a to appeal to the reckless tastes of the tree limb recently in a west man who likes to make it all on a Kentucky county. They had single throw of the dice. A pearl been robbed by the riffraff that fisherman may find a prize in the first follows in the trail of the pearl fisher shell that he opens, or he may spend who strikes into a new country of a year opening shells without any rich finds. Pearls have recently been particular results. It can be made found in large numbers in the rivers hard work, this business of dragging that wander through the flat lands of the river bottoms with myriad hooks the west Kentucky counties. The that grapple with the slimy shells of pearl fleets are moving into the river the pearl-bearing mussel. Up and bottoms in both Kentucky and Ten- down the streams the little flat-bottomed craft drift and pull, and if the nessee.

The Mississippi valley is now sup- owner is lucky and careful there may plying the bulk of these pale gems be a pearl worth anywhere from \$5 that encircle the white throats of the to \$1,500 somewhere in the day's world's famous beauties. American catch. It is all chance, but the hardheiresses, princesses of the old reign- er you work the more chance you ing houses of Europe, Indian rajahs have, and the jewel fanciers of all the world buy and wear the mussel-born pearls that are scooped from the boiled flesh of the fresh-water bivalve.

Thousands of men and women are engaged in the work of pearl fishing among the rivers of the great central valley. It has become one of the accepted ways of making an easy living. and in some cases the fortunate fisherman becomes wealthy through a few lucky finds. Many fishermen have useless. thrown away their nets and tackle and rigged their flat-bottomed boats

buds and branches growing at the expense of the ones desired should be removed. Pearl fishing is enough of a gamble

tendency to bear fruit on the terminal growth at the expense of the lateral buds and spurs.

One of the most important problems n the orchard at this time of the year is tillage. The spring rains are over and no more moisture will probably be given the trees until fall. Where nore growth is desired it is necessary to practice extensive cultivation, this of course will mean the working and stirring of the soil. One of the best tools to use for this purpose is the Kimball weeder, or Acme harrow. The number of times and dates of cultivation should be controlled by natural conditions, kind of soil and tion should be frequent enough, how-

Every Shell Examined. ever, to prevent the baking and dry-

With a large load of shells the ing of the soil, also frequent enough hunter comes ashore and boils the to keep down the weeds. With the mussels in deep vats that he half young trees, cultivation should be conburies in the ground. This is usually tinued up to the middle of August, advantage in making cheese sand-done at a half-permanent camp. The when it should cease, in order that the wiches. Its manufacture is simple, women and the children of the pearl- young trees can go into dormancy for yet the best quality is often difficult ing camps aid in this part of the winter. Winter injury has been due to obtain. work, as every separate shell must partly to late cultivation in the fall. be looked over carefully, that no lustrous pearl may be thrown away as fruit should be cultivated to produce in an ordinary meat grinder. When

Buyers from the great jewelry firms desired than a large amount of small, butter is mixed in. The whole mass cord bedsteads and the committee in- and mail that comes to Professor Vienna, St.

SUMMER WORK IN ORCHARD.

The Oregon Experiment station re-

ceives from time to time a great many samples of toubles in the form of dis-

did not interfere with the growth of

the tree, and they have been allowed

farming to a certain extent.

of cure.

By Professor C. L. Lewis, Department of Horticul-ture, Oregon Agricultural College, O. G. Simpson, Assistant Dairyman. Oregon Ag-ricultural College. Corvallis.

With the spring cultivation out of During the summer months nearly the way, the early spraying over, and every one appreciates some of the soft the first thinning through, many of fancy cheeses. It is during this season that Smeirkase, Dutch or more the orchardists begin to let down on the orchard work. Especially is this properly Cottage cheese, is most pop true with the young orchard, and with ular men who are engaged in diversified

It is the purpose of this article to give directions for the making o fancy cheese under home conditions. COTTAGE CHEESE.

If not given close attention Cottage eases, insect pests, troubles which cheese may be too dry or gritty. The

result from neglect, etc. A year ago important part of its manufacture is visited a large young orchard in the to not heat above 100 degrees. Willamette valley, and the grower had Skim milk should be used, for the

not noticed that one block of pears cream will be largely lost if made was practically eaten up by slugs. from whole milk, The milk is kept Probably in a few days he would have at a temperature of 70 to 75 degrees noticed them and sent some twigs until well curdled. The curd is then down to the Experiment station, ask- broken up and the temperature raised ing for the cause of same. I might to 90 to 95 degrees and allowed to state in this connection that "an stand until the whey separates. This ounce of prevention is worth a pound will take about 15 minutes, when the whey can be removed and the curd It is not uncommon to have sprouts drained in a muslin bag. When well develop at the base of a tree which drained salt at the rate of a little less will grow so vigorously that they will than an ounce of salt to 10 pounds of

take all the sap from the tree. Many cheese. For a very fine quality mix people have held that these sprouts 1 ounce of cream to 1 pound of cheese.

BUTTERMILK CURD.

The University of Wisconsin has a to grow, but I would say emphatically method of making cheese similar to went Harry's hand. "What is it, that they should be removed. All cottage cheese from butter milk. Buttermilk is heatd to 70 to 75 de-

grees and left quiet 11 to 2 hours. Under average conditions, do not The temperature is then raised to 140 summer prune young trees, but when degrees. The curd then settles and of age summer pruning can be done to in a bag and drain, working the out- announced it for the third time the advantage. This is also of advantage side curd inside occasionally. Salt at teacher said: "Now, Harry, you have will bring the greatest blessing. for trees having a tendency not to the rate of 2 ounces of salt to 10 disobeyed me twice, for I told you not come into bearing, or for those having pounds of cheese.

CREAM CHEESE.

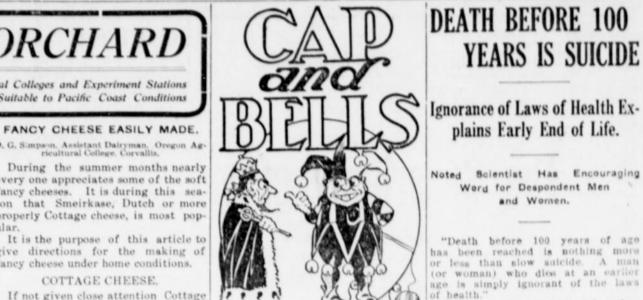
whey allowed to escape. It is then worked to the consistency of paste and sprinkled with salt. This is a very mild and rich cheese.

DEVONSHIRE CREAM.

Milk is set in a cool place and the sits there is here," said the teacher. They are then set aside until the up- was clad in nothing bpt the simplicity of treatment. per layer hardens, when it is turned of nature! "I can undreth mythelf, amount of humus contained. Cultiva- drain. Usually eaten with fruit or berries.

CLUB CHEESE.

This cheese is extensively used by hotels and grills. It is of particular Five pounds of well ripened cheddar



HARRY COULD DRESS HIMSELF

the purpose of getting in direct touch with his thousands of converts. And Undress Himself, Too, as His Teacher Subsequently Found Out Professor Munyon is a living em-bodiment of the cheerful creed he to Her Dismay. preaches. Virile, well-poised, active

A teacher in a kindergarten had and energetle, he looks as though he among her pupils a little chap of ten- would easily attain the century age der years, named Harry. One morning limit which he declares is the normal Harry came to school with a flush one.

lisp. "You can dress yourself!" said the people of America.

boy you are." Soon after school had begun up who have found health through my

Harry?" asked the teacher. "I can deth my own thelf,"

"You have already told me that," said the teacher.

can come out." one vacant seat." The little boy who

cream allowed to raise several hours. "I made him go behind that screen Without disturbing the cream the for a slight infraction of the rules, vessel is placed on the stove and the but he may come out now." contents raised to the scalding point. Harry came forth, and horrors! he out on a mat or placed in a bag to too!" he announced. Tableau.

of those terrible lynchings?" Yes," replied the man who talks about himself. "It was long ago, in an unsettled community. Popular feeling was so strong that I didn't dare hang back." "You must have had several sleep-

Trees which are heavily laden with cheese of the finest quality is ground less nights afterward." "I had. The only place I had to size and quality, which is much more once through 1 pound of best quality sleep was one of those old-fashioned 1 ask.

He said: of triumph on his face. "I can deth mythelf now," he said with a decided of health, which are the fruit of a "I want the people of the world lifetime devoted to healing the sick There isn't a teacher. "Why, what a smart little building in this city big enough to house the people in this State alone.

YEARS IS SUICIDE

plains Early End of Life.

Word for Despondent Men and Women.

"Death before 100 years of age

less than slow suicide. A man

Such was the original and rather

startling statement made by Profesor James M. Munyon, the famous

Philadelphia health authority, who is

stablishing health headquarters in

ill the large cities of the world, for

has been reached is nothing more

health.

methods. Before I get through there won't be a building big enough to house my cured patients in this city alone.

'I want, most of all, to talk to the sick people-The invalids, the dis-Twice Harry announced that he couraged ones, the victims of nervethe trees are from three to four years the whey is removed. Place the curd could "deth himthelf," and when he wearing, body racking diseases and allments-for these are the ones to whom the message of hope I bear

"I want to talk to the rheumatics to interrupt me by saying again that the sufferers from stomach trouble you could dress yourself. You may the ones afflicted with that noxious go behind that screen in the corner disease, catarrh. I want to tell my net, the curd broken, and part of the and stay there until I say that you story to the women who have become chronic invalids as a result of nervous troubles. I want to talk to

Harry obeyed, and a moment later the men who are 'all run down,' two or three visitors were announced. whose health has been broken by "What a charming lot of little peo- overwork, improper diet, late hours, ple," said one of the callers, "and only and other causes, and who feel the creeping clutch of serious chronic Ilness. To these people I bring a story

of hope. I can give them a promise of better things. I want to astonish them by showing the record of cures performed through my new system

"I have taken the best ideas from all schools, and embodied them in a new system of treatments individu-

ally adapted to each particular case. I have no 'cure alls', but my present method of attacking disease is the very best thought of modern science. The success which I have with these treatments in this city, and all over America proves their efficacy. Old methods must give away to new medical science moves. I know what my remedies are doing for humanity everywhere. I know what they will do for the people of this city. Let

me prove my statements-that's all The continuous stream of callers

Petersburg inferior fruit due to lack of, or poor, is then run through the grinder again. sisted on using the rope for the lynch- James M. Munyon at his laboratories 53rd and Jefferson streets, Philadel phia, Pa., keeps Dr. Munyon and his enormous corps of expert physicians Prof. Munyon makes no charge for consultation or medical advice. Not a penny to pay. Address Prof. J. M. Munyon, Munyon's Laboratories, 53rd and Jefferson Sts., Philadelphia, Pa

for the work of gathering up the depizens of the mussel beds.

Their fleets of dingy boats move lazily up and down the streams that are tributary to the Mississippi. They lift tons of shells from the mussel beds in the cozy bottoms of muddy rivers. The working up of the shells into pearl buttons has become an industry of great importance to many ern cities. of the valley communities. Millions of these grimy shells are taken from the rivers each month. Great heaps is rapidly becoming exhausted. of them lie along the rivers, memorials of the first years of the pearling craze in the west.

There are big fleets of the nearl fishermen's boats on the Illinois. Hundreds of them patrol the waters of the Wabash and the Little Wabash. The Arkansas, the Red, the Des Moines, the Rock and scores of other streams have numerous camps of pearl fishermen. Many of the rivers have been practically scraped clean of the mussels and the fishermen have moved on to other and less worked areas. Beardstown, Ill.; Muscatine, Iowa; Vincennes, Ind., and numerous villages in Arkansas have long been the haunt of the foreign and the American pearl buyer.

World's Finest Pearls.

The big finds of late in Kentucky and Tennessee have stirred the interest of the professional and amateur hunter. For years many of the world's finest pearls have been coming out of the lower valley. Buy a pearl in the United States and there are nine chances in ten that the lustrous gem came originally from the grimy hand of some pearl hunter along the Wabash or the Illinois.

Visit the jewel shops of Paris, Vienna or London, select a pearl of the first quality, and five times out of gings, but on a miniature scale. ten it is a jewel that was picked out of a mussel shell somewhere in the new world.

known by experts to be the products but good, and one or two of the party of the big and little streams that are began to playfully open a few musthe haunt of the American pearl fish- sels that the low stage of the river erman. It is now the source of sup- had bared. One of the party was ply from which the markets of the tearing open the shells in a listless world draw their pale and lustrous sort of way. He felt something round gems.

pearl fisheries of the far east are de- the clammy flesh and a beautiful clining in importance. The sun-browned expert divers of the Per-his fingers. Two more pearls-smallsian gulf are still dipping into the er, but still valuable enough to bring hot seas and gulfs of Asia, but their \$100 each-were found in the same finds become less valuable every stranded group of mussels. The pearyear. The pearl buyers of Europe shaped pearl sold for \$1,200 by the long since turned to America for the time half a dozen frenzled buyers dat subject very light." - Success gems that are loved of women.

and Paris spend the year in the mid- cultivation. Many cherry orchards The mixture is then mixed and knead- ing."

dle of the pearling districts of the are neglected as soon as the crop is ed with the hands until free of lumps. valley. Frenchmen, Belgians, Rus- picked. This is a great mistake, as Some add liquors or condiments such sians, representatives of the jewel- the trees would keep in better health as brandy or sherry wine, or mustard loving races of the earth, keep an eye if given cultivation until the first of or caraway. It may be kept in ordi- of tipping you every day when I come on all the big finds that are made August. With fall fruits, such as ap- nary jelly glasses. First smearing in to lunch, I'll give you your tip in in various parts of the valley. They ples, etc., an extra thinning given the inside of the glass with butter and a lump sum at the end of the week." must compete with the special buyers about the first of August would often then pouring molten butter or paraffin sent out by New York and other East. be beneficial to the tree, by thinning over the top.

out and removing the cull fruit.

Many experts profess to believe that the pearl supply of the central states courage the grower to make frequent

diseases and insect pests that may There are others who claim that arise. By doing this you will be able the supply is practically inexhaustible.

as long as the number of fishermen and boats in the business is not greatly increased. They believe that there are many streams that would repay working that have thus far never been dredged or dragged by the pearl fleets. It is these rivers that they look to for the supply of the future. when the present beds are more nearly exhausted. Miles and miles of the Illinois river have been scraped clean of the mussels. The Des Moines river, home of the pearl-button industry in America, is giving up less of pearls and shells than it did in the earlier days, when pearling was new

in the middle west. Near Mt. Carmel, Ill., a little more than a year ago, a lucky fisherbranch. man picked up a pearl that was afterward sold for \$1,800. Farmers' sons and town lads out for a day's fishing on the river have stumbled upon finds worth anywhere from \$100 to \$500. As soon as news of this sort becomes known in the neighborhood there is usually a rush of the amateur and the professional pearler to that section of the stream. It is something like a stampede to a new gold dig-

Found a \$1,200 Pearl.

One summer afternoon a party of Half the pearls sold in the markets fishing in an unfrequented part of are sound.

and hard in the tissues of the half-For some mysterious reason the dead mussel. He squeezed it through

were through bidding upon it,

With a young orchard I would en- GREAT BULL-DOGGING CONTEST trips from tree to tree, watching for Champion Steer-Throwers to Appear

at Pendleton Round-Up.

Visitors to the 1911 Round-Up this to detect any trouble which may arise, and will be able to obtain assistance fall are destined to witness one of the from the Experiment station before most thrilling and spectacular contests the trouble has become too serious, ever pulled off between man and man One also picks up many points con- in this section of the world, if plans cerning the handling of young trees by go not awry. This conest will be these frequent excursions. Many of nothing other than a meeting between the trees will need staking. This is the two greatest "bull-doggers" of especially true of the trees which have steers which western plains have proa small trunk and heavy top. This duced, both of whom have held the will often occur with walnuts, young title of champion, Dell Blancett and prunes, very vigorous growing apples Buffalo Vernon.

and cherries. In tying and staking Plans to get these two steer wrest trees one needs to be careful in not lers together before the Round-Up injuring them in any way. Where crowds this fall have been under way wires or heavy cords are to be used, for several months and letter from the branches should be wrapped with Vernon practically assures the conleather, and a piece of wooden block test. Vernon signifies his willingness

should be placed between the wire and to meet Blancett and contracts have been forwarded to him to sign. Blan-One pitfall the grower often meets cett has already been signed, so that

is this: He is led to believe that the it seems that nothing can stand in the trees are young and no spraying is way of the meeting.

necessary, and that only heavily load- There is great rivalry between ed trees need spraying. This, how- these two men and the contest this ever, is a great mistake, as many in- fall will not be the first time they sect pests and diseases can be checked have met for supremacy in their exby spraying the trees while they are citing specialty. Last year during still young. It is only by constant the Fiesta of the Dawn of Gold at vigilance and hard work that one can Sacramento they met, at which time bring trees into heavy bearing with- the title of champion was wrested out showing many scars. It is cer- from Vernon. The latter, therefore, ble.

tainly astonishing when one makes is more than desirous of meeting his a survey of the various orchards to lanky opponent again and it is probafishermen on the Wabash river were find the small percentage of trees that ble that they will make a little side bet a new hat for me."-Harper's Bazar. Careless cultivation, by way of showing their faith in their of the old world as sea pearls are the river. Their luck was anything pruning, and lack of control of insect own powers.

pests, diseases, etc., all have a ten- Besides their ability in throwing a dency to cause an early death of fruit steer barehanded, both men are profitrees, or at least impair the vitality. cient with the rope.

Up-To-Date.

Entertainment in the Home.

Uncle Mose, a mountain negro, was being asked about his religious affili-"Is'e a preacher, sah," he said.

"Do you mean," asked the astonished questioner, "that you preach the gospel?"

Mose felt himself getting into deep water.

ations.

"No, sah," he said; "Ah touches at his wife's face. Magazine.

A Louisville barrister escorted his wife and daughter to a lecture and then, to his wife's annoyance, disapwhen the meeting was over.

friend, meeting the barrister and his family in the street car. "Been to the lecture?" The lawyer stole a look "No," he answered; "just' going.

-Success Magazine.

He Got His.

Insomnia.

"So you actually took part in one

"Kerrigan," the guest said, "instead busy "Would you mind paying me in advance, sir?" he asked.

"Well, upon my word, that's a strange request, but if you are in want of money, here is a dollar for you. I hope you did not distrust me."

"Oh, no, sir; but you see I am leaving here tomorrow."



She-I say she's two-faced. He-Her double chin is proof of it.

The Urgent Need.

She (flattering with eyes and voice) -"Arthur, dear, I find that we still need a few serviceable things to make our little household more servicea-

He-What one thing, perhaps?" She-Well, for instance, we need

Her Reason. "I never leave my home without	nt
kissing my wife goodby."	
"І вее."	
"See what?"	
"Why she hates so to have you s	03
out in the evening."	
Changed Frequently.	
"Was that your husband? He seen	
to have changed a great deal in th	10
past five years."	
"Yes, three times."	÷
17.2	
Too Much Sun.	
"Is the resort in question ver	3
shady?"	

"Well, its reputation is."

Our Life's Work.

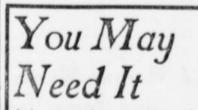
We are not sent into this world to do anything into which we cannot put our hearts. We have certain work to do for our bread and that is to be done strenuously; other work to do for our delight and that is to be done heartily; neither is to be done by halves or shifts, but with a will; and what is not worth this effort is not to be done at all.-John Ruskin.

Wealth Not Always Advantage.

Advantage, opportunity, chance, luck! They are all on the side of the boy born in obscurity, brought up in poverty. Provided he be endowed with the will that brooks no obstacle, with the mental ability to conceive great thoughts, to plan great undertakings, the boy is all the more blessed who is not handleapped hy west?)

Naturally Opposed to Change.

When a new government is established, by whatever means, the people are commonly dissatisfied with it .--Hume,



Ask your doctor about the wisdom of your keeping Ayer's Cherry Pectoral in the house, ready for colds, coughs, croup, bronchitis. If he says it's all right, then get a bottle of it at once. Why not show a little foresight in such matters? Early treatment, early cure.



Many a boy is called dull and stupid, when the whole trouble is due to a lazy liver. We firmly believe your own docr will tell you that an occasional dose of Ayer's Pills will do such boys a great deal of good. They keep the liver active. Made by the J. C. Ayer Co., Lowell, Mass .---

